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Naughton(10) **Pub. No.: US 2021/0299036 A1**(43) **Pub. Date: Sep. 30, 2021**(54) **CONDITIONED MEDIUM AND
EXTRACELLULAR MATRIX
COMPOSITIONS AND USES THEREOF***A61K 8/64* (2006.01)*A61K 8/49* (2006.01)*A61K 8/42* (2006.01)*A61K 8/04* (2006.01)(71) Applicant: **Histogen, Inc.**, San Diego, CA (US)*A61Q 3/00* (2006.01)(72) Inventor: **Gail K. Naughton**, San Diego, CA
(US)(52) **U.S. Cl.**CPC *A61K 8/981* (2013.01); *C12N 5/0652*(2013.01); *A61K 8/64* (2013.01); *A61K 8/4953*(2013.01); *C12N 2500/02* (2013.01); *A61K**8/046* (2013.01); *A61Q 3/00* (2013.01); *A61Q**7/00* (2013.01); *C12N 2511/00* (2013.01);*A61K 8/42* (2013.01)(21) Appl. No.: **17/263,835**(22) PCT Filed: **Jul. 31, 2019**(86) PCT No.: **PCT/US2019/044405**

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2, 2018.**Publication Classification**(51) **Int. Cl.***A61K 8/98* (2006.01)*C12N 5/077* (2006.01)(57) **ABSTRACT**

The present invention is directed to a methods for the stimulation of hair, lash and/or nail growth by the administration of extracellular matrix (ECM) and/or conditioned culture media (CCM) compositions in combination with active agents such as minoxidil and bimatoprost. The combination of hypoxic CCM and an active agent acts to promote hair, lash and/or nail growth and/or promote hair follicle development and/or activate or stimulate on an area of the skin when administered to the region of skin or tissue in need of growth or repair in a subject.